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PATENT
Attorney Docket No.: 023070-111900US
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On April 17, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Jay M. Marshall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Colin Collins et al.

Application No.: 09/586,529

Filed: May 31, 2000

For: END SEQUENCE PROFILING

Examiner: Borin, M.

Art Unit: 1631

AMENDMENT

Box: AF
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed January 17, 2003, Applicants respectfully request reconsideration of the above-referenced patent application in view of the following amendments and remarks. A Notice of Appeal accompanies this Amendment.

IN THE CLAIMS:

1. (Twice Amended) A method for comparing a test genome to a reference genome, said method comprising:

(i) providing a plurality of clones of known size that substantially cover at least a portion of said test genome;

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